Newton's First & Second Laws Review

Name: _____ Date: _____

Table: _____ Section: _____

1. Describe how the picture on the right demonstrates Newton's first law.

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2. Describe how the picture on the right demonstrates Newton's Second law.

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3. Newton's second law of motion describes the relationship of force, mass, and acceleration. Write the equation.

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4. How much force is needed to accelerate a 3 kg skateboard at 5 m/s_2?

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5. Summarize Newton's First Law with either a diagram, picture, or phrase to teach someone else about this law.

6. Summarize Newton's Second Law with either a diagram, picture, or phrase to teach someone else about this law.

7. Create an experiment to demonstrate Newton's First Law of Motion. Include your procedure, diagrams & sketches, and any materials needed.

8. Create an experiment to demonstrate Newton's Second Law of Motion. Include your procedure, diagrams & sketches, and any materials needed.